

Converting Colors

XYZ(77.3905, 62.7903, 92.2185)

Have a look what the booklet for
XYZ(77.3905, 62.7903, 92.2185)
contains.

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Color

**XYZ(73.9950, 61.1267,
91.9031)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6F2
RGB	255, 182, 242
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2863, 0.0510
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 100%, 86%
HSV	311°, 29%, 100%
XYZ	73.9950, 61.1267, 91.9031
YIQ	210.6670, 24.2480, 34.1360

Conversions

Conversions Part 2

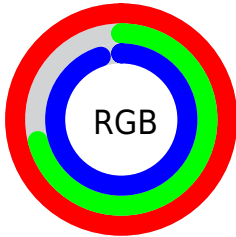
Format	Color
R _Y B	255, 182, 242
Decimal	16758514
CIE Lab	82.45, 35.63, -19.27
CIE LCh	82, 40.505, 331.584
Yxy	61.1267, 0.3259, 0.2693
Android (android.graphics.Color)	4294948594 (0xFFFFB6F2)
YUV	210.6670, 15.4472, 38.8800
Hunter-Lab	78.1836, 32.1159, -14.9656

Details

The XYZ color **73.9950, 61.1267, 91.9031** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.9036, 85.4061, 64.6968**, and the grayscale version is **61.5888, 64.7962, 70.5630**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **39.6081, 30.8538, 50.3222** is the 20% darker color. If you saturate the color by 10%, you get **68.5669, 51.3484, 86.7710**, and if you desaturate by 10%, it is **80.3935, 72.8183, 97.4439**.

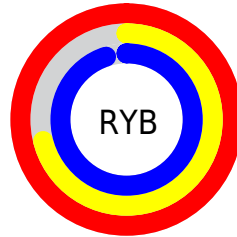
Distribution



Red (100%)

Green (71%)

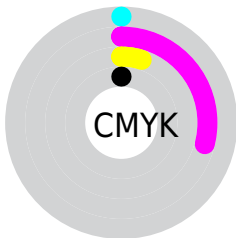
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

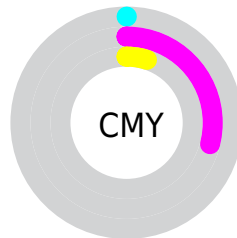


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9950, 61.1267, 91.9031 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.9950, 61.1267, 91.9031 by changing the saturation by 10% instead.


 73.9950, 61.1267,
91.9031

 73.9950, 61.1267,
91.9031

463.5067,
428.7384, 554.9314

 55.0812, 44.3274,
68.9776


 123.8843,
106.4624, 151.9376

 39.7008, 30.9280,
50.2218


155.5904,
135.7676, 189.8837

 27.4885, 20.5440,
35.2172


192.2915,
170.0102, 233.6737

 18.0790, 12.7911,
23.5454

234.3527,
209.5746, 283.7261

 11.1067, 7.2849,
14.7877

282.1395,
254.8452, 340.4596

 6.2065, 3.6409,
8.5255

336.0172,

 3.0129, 1.4748,

306.2065, 404.2926

4.3405

396.3511,
364.0427, 475.6436

■ 1.1606, 0.2709,
1.8139

■ 0.0749, 0.0000,
0.4371

■ 73.9950, 61.1267,
91.9031

■ 73.9950, 61.1267,
91.9031

■ 68.5669, 51.3484,
86.7710

■ 80.3935, 72.8183,
97.4439

■ 64.0535, 43.3727,
82.0259

■ 87.8063, 86.5114,
103.4061

■ 60.3994, 37.0889,
77.6497

95.0500, 100.0000,
108.9000

■ 57.5415, 32.3711,
73.6206

■ 55.4080, 29.0757,
69.9141

■ 53.9138, 27.0327,
66.5011

■ 52.9376, 25.9999,
63.3408

■ 52.8218, 25.8927,
62.9187

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2560, 61.1267, 115.9576



73.9950, 61.1267, 91.9031



76.3676, 61.1267, 65.2478

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9950, 61.1267, 91.9031



57.6403, 61.1267, 29.3848



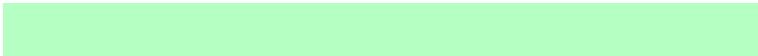
45.0473, 61.1267, 94.7619

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.9950, 61.1267, 91.9031



64.9036, 85.4061, 64.6968

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.0044, 61.1267, 67.8828



73.9950, 61.1267, 91.9031



49.8135, 61.1267, 33.6586

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9950, 61.1267, 91.9031



66.3813, 61.1267, 32.8292



44.6602, 61.1267, 46.3598



50.5361, 61.1267, 117.8757

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9950, 61.1267, 91.9031



74.9838, 61.1267, 50.5218



44.6602, 61.1267, 46.3598



43.9608, 61.1267, 85.6690

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.9963, 61.1291, 91.9044



87.5096, 85.9609, 103.1748



57.0713, 52.1703, 101.6696



18.4871, 17.9478, 21.8927



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9963, 61.1291, 91.9044



70.9610, 55.6413, 89.0959



69.1507, 59.1909, 66.3879



18.6457, 18.2416, 22.0172



27.6510, 13.5497, 33.1423



2.7270, 1.3332, 3.4095

Inverse Universe

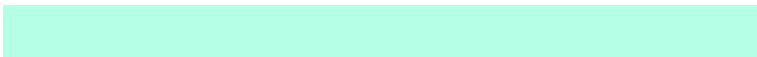
The Inverse Universe completely reimagines the original color for something new.



73.9963, 61.1291, 91.9044



70.9610, 55.6413, 89.0959



69.4298, 87.2166, 88.5313



18.6457, 18.2416, 22.0172



27.6510, 13.5497, 33.1423



2.7270, 1.3332, 3.4095

Previews

White Background



This preview shows how the XYZ color 73.9950, 61.1267, 91.9031 looks on a white background.

Color Contrast Check

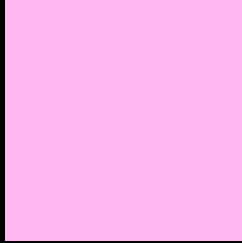
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.9950, 61.1267, 91.9031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

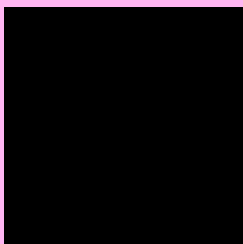
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9950, 61.1267, 91.9031

Background



This preview shows how black text looks on a background with the XYZ color 73.9950, 61.1267, 91.9031.



This preview shows how white text looks on a background with the XYZ color 73.9950, 61.1267,

91.9031.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.9950, 61.1267, 91.9031

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.8126, 61.2422, 90.1717



Tritanopia

68.5210, 61.0788, 65.3047

Trichromacy



Original Color

73.9950, 61.1267, 91.9031



Protanomaly

65.3141, 60.9809, 98.7705



Deuteranomaly

66.1622, 60.5999, 90.6479



Tritanomaly

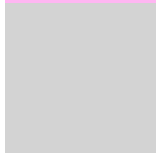
70.3587, 60.8752, 74.3715

Monochromacy



Original Color

73.9950, 61.1267, 91.9031



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.5176, 62.9134, 77.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9950, 61.1267, 91.9031 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 182, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 182, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.9950, 61.1267, 91.9031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 242) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 182, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 182, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9950, 61.1267, 91.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
182, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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